

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: A.P. Alivisatos, Yadong Yin, Can K. Erdonmez

Application No.: 10/599,252

Group No.: 1714

Filed: 04/20/2007

Examiner: Rao, G Nagesh

For: HOLLOW NANOCRYSTALS AND METHOD OF MAKING

**Mail Stop Amendment**

**Commissioner for Patents**

**P.O. Box 1450**

**Alexandria VA 22313-1450**

**DECLARATION UNDER 37 C.F.R. 1.131 THAT INVENTOR(S) NAMED IN THIS  
APPLICATION CONCEIVED OR INVENTED THE SUBJECT MATTER OF THIS  
APPLICATION WHICH IS DISCLOSED IN THE CITED PUBLICATION**

1. Cited against this application is the disclosure found in publication, "Formation of Hollow Nanocrystals Through the Nanoscale Kirkendall Effect," Science (2004) 304, 711-714, which was authored by me and others not named as co-inventors on this application.
2. I, an inventor of this application and signing below, hereby declare that the cited disclosure in the above identified publication was conceived or invented by me which was disclosed in the above cited publication and is the subject matter of this application.
3. The inventorship of this application is correct in that the reference discloses subject matter invented by me notwithstanding the authorship of the cited publication.
4. The co-authors on this publication, Robert M. Rioux, Steven Hughes, and Gabor A. Samorjai, are not named as co-inventors of this application because they contributed only to the conception and/or reduction to practice of the nanoreactors described in the cited publication, which are claimed in co-pending U.S. Patent Application No. 10/599,250, and which are not claimed in the present application.
5. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

*(all inventors of the subject matter disclosed in the publication sign below)*

Date \_\_\_\_\_

Signature A. Paul Alivisatos

Date 08/25/2010

Signature Yadong Yin

Date \_\_\_\_\_

Signature Can K. Erdonmez